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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/561,208

12/16/2005

Yasushi Uesaka

92478-8200

4029

52044

7590

04/01/2010

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EXAMINER

HASAN, SYED Y

ART UNIT

PAPER NUMBER

2621

MAIL DATE

DELIVERY MODE

04/01/2010

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Supplemental  
Notice of Allowability**

**Application No.**

10/561,208

**Examiner**

SYED Y. HASAN

**Applicant(s)**

UESAKA ET AL.

**Art Unit**

2621

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11 March 2010.
2. ☒ The allowed claim(s) is/are 1, 5, 6, 11, 15 and 16 (renumbered 1 - 6).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |  |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                      |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|  | 9. <input type="checkbox"/> Other _____.   |

## **DETAILED ACTION**

### **Examiners Amendment**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given via fax received from Joseph W. Price on 03/11/2010.

The application has been amended as follows:

Claim 11 has been changed from "A method for providing a computer-readable program through an electronic communication line that makes a computer perform procedures for generating, based on a first volume image for a first disc, a second volume image for a second disc, wherein the computer executes:" to "A method for generating, based on a first volume image for a first disc and a second volume image for a second disc, wherein the method comprises:"

### **Allowable Subject Matter**

2. Claims 1, 5, 6, 11, 15 and 16 (renumbered 1 – 6) are allowed.

3. The following is a statement of reasons for the indication of allowable subject matter:

The present invention of claims 1, 5, 6, 11, 15 and 16 is directed to a generating apparatus that generates, based on a first volume image for a first disc, a second volume image for a second disc

Independent claim 1 identifies the unique distinct feature "wherein the stream

contained in the first volume image and the digital stream contained in the second volume image respectively are paired with corresponding path information to constitute a title, the first scenario data and the second scenario data are respectively a jump table that a playback apparatus refers to when jump is performed from an entire menu of the corresponding disc to the corresponding title, the first scenario-description scheme allows two jump tables: a first table for the entire first disc; and a second table that is created for a domain that the title belongs to, and the conversion performed by the conversion unit is to replace the first and second tables with one jump table for the entire second disc."

The closest prior art, Oetzel (US 2003/0193520) discloses a generating apparatus that generates, based on a first volume image for a first disc, a second volume image for a second disc, the generating apparatus comprising: a conversion unit operable to convert first scenario data written under a first scenario-description scheme for the first disc, into second scenario data written under a second scenario-description scheme for the second disc (para 0036, illustrates the converting process from first scenario data to second scenario data for a disc) and a formatting unit operable to obtain the second volume image that contains a digital stream and the second scenario data that has been obtained by the conversion unit (fig 4, 430, para 0040, illustrates the formatting process and fig 3, steps 511 – 523, para 0046, further illustrates this process). However Oetzel fails to anticipate or render the above mentioned underlined limitations obvious.

Hence claim 1 is allowed.

Since claims 5 and 6 depend on claim 1, therefore they will also be allowed.

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Independent claim 11 identifies the unique distinct feature “wherein the digital stream contained in the first volume image and the digital stream contained in the second volume image respectively are paired with corresponding path information to constitute a title, the first scenario data and the second scenario data are respectively a jump table that a playback apparatus refers to when jump is performed from an entire menu of the corresponding disc to the corresponding title, the first scenario-description scheme allows two jump tables, a first table for the entire first disc and a second table that is created for a domain that the title belongs to, and the conversion performed at the conversion step is to replace the first and second tables with one jump table for the entire second disc.”

Hence claim 11 is allowed.

Since claims 15 and 16 depend on claim 11, therefore they will also be allowed.

Hence claims 1, 5, 6, 11, 15 and 16 are allowed over prior art.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Syed Y. Hasan whose telephone number is 571-270-1082. The examiner can normally be reached on 9/8/5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Tran can be reached on 571-272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/S. Y. H./  
03/16/2010

/Thai Tran/

Supervisory Patent Examiner, Art Unit 2621